

Claims:

1. Use of an agent selected from ethyl alcohol, isopropyl alcohol or a mixture thereof and a topically acceptable polymeric carrier in the preparation of a composition for the treatment of burns.
2. Use according to claim 1, wherein the topically acceptable carrier comprises a polymer which forms a gel like matrix with the alcohol(s).
3. Use according to claim 2, wherein the polymer forming gel like matrix is an acidic polymer or a salt thereof.
4. Use according to claim 3, wherein the acidic polymer is an acrylic polymer.
5. Use according to claim 4, wherein the acrylic polymer is a carbopol®.
6. Use according to claim 4, wherein the acrylic polymer is at least partially neutralized with a base to form a salt thereof.
7. Use according to claim 6, wherein the base is a nitrogen containing base.
8. Use according to claim 7, wherein the base is selected from the group consisting of ammonium hydroxide, dialkanolamines and trialkanolamines.
9. Use according to claim 1, wherein the concentration of the alcohol(s) is in the range of 15-70% of the total weight of the composition.

10. Use according to claim 9, wherein the concentration of the alcohol(s) is in the range of 20% to 50%.
11. Use according to claim 8, wherein the composition comprises ethanol in a concentration of 15-70% w/w, polyacrylate in a concentration of 0.05%-5% and ammonium hydroxide in a concentration of 0.1-10%.
12. Use according to claim 8, wherein the composition comprises ethanol in a concentration of 25-70% w/w, polyacrylate in a concentration of 0.05%-5% and triethanolamine in a concentration of 0.1-6%.
13. Use according to any one of claims 1 to 12, wherein the composition further comprises urea.
14. Use according to any one of claims 1 to 13, wherein said composition further comprises plants-derived material.
15. Use according to claim 14, wherein the plant derived material is in the form of plant extracts, tinctures, oils and/or macerates.
16. Use according to claim 15, wherein the plant is selected from the group consisting of arnica, plantago, equisetum, lavender, joubarbe, hamamelis, urtica, calendula, daucus, symphytum, sanguisorba, symphytum, aloe vera, roman chamomile, tea tree, witch hazel, Emu , Celosia Argentea and mameluca.
17. Use according to claim 1, wherein the composition is provided in the form of a gel, cream, emulsion, lotion, suspension, liposomes, ethosomes, microcapsules or microspheres.

18. Use according to claim 1, wherein the composition further comprises one or more ingredients selected from the group consisting of a local anesthetic, antibiotic, plant extract, vitamin, growth factor, protein, histamine, carnosine, insulin, anti-inflammatory agent, antiseptic agent, antifungal agent, anticytokine, an interleukin, growth hormone and re-epithelization factors.

19. Use according to claim 1, wherein the topically acceptable carrier comprises one or more of the following polymers: chitin, guar, chitosan, polyvinylpyrrolidone, polyvinylalcohol, gum, silastic, eudragit, pectin, hyaluronic acid, hyaluronate, gelatin, gelatin derivative, agar, polymer adhesives, polaxomers, a cellulose derivative, including methylcellulose, ethylcellulose, hydroxypropylcellulose and hydroxyethylcellulose, or a mixture of said excipients.

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Fig 1A



Fig 1B

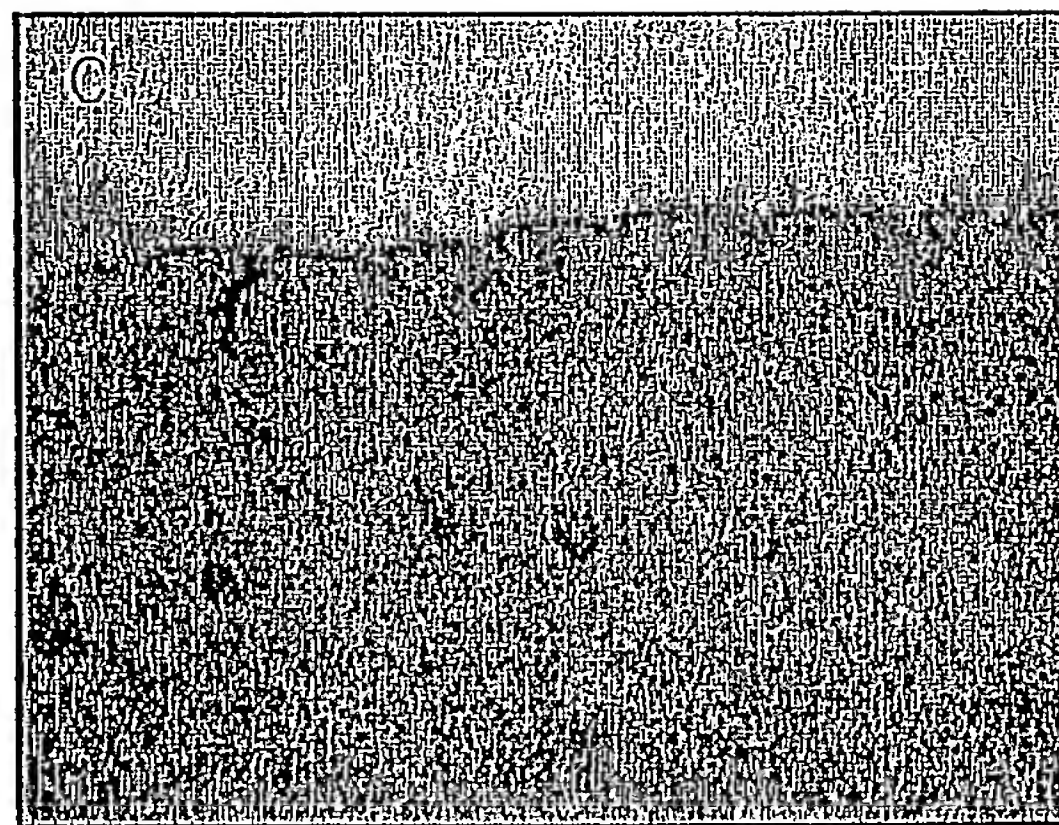
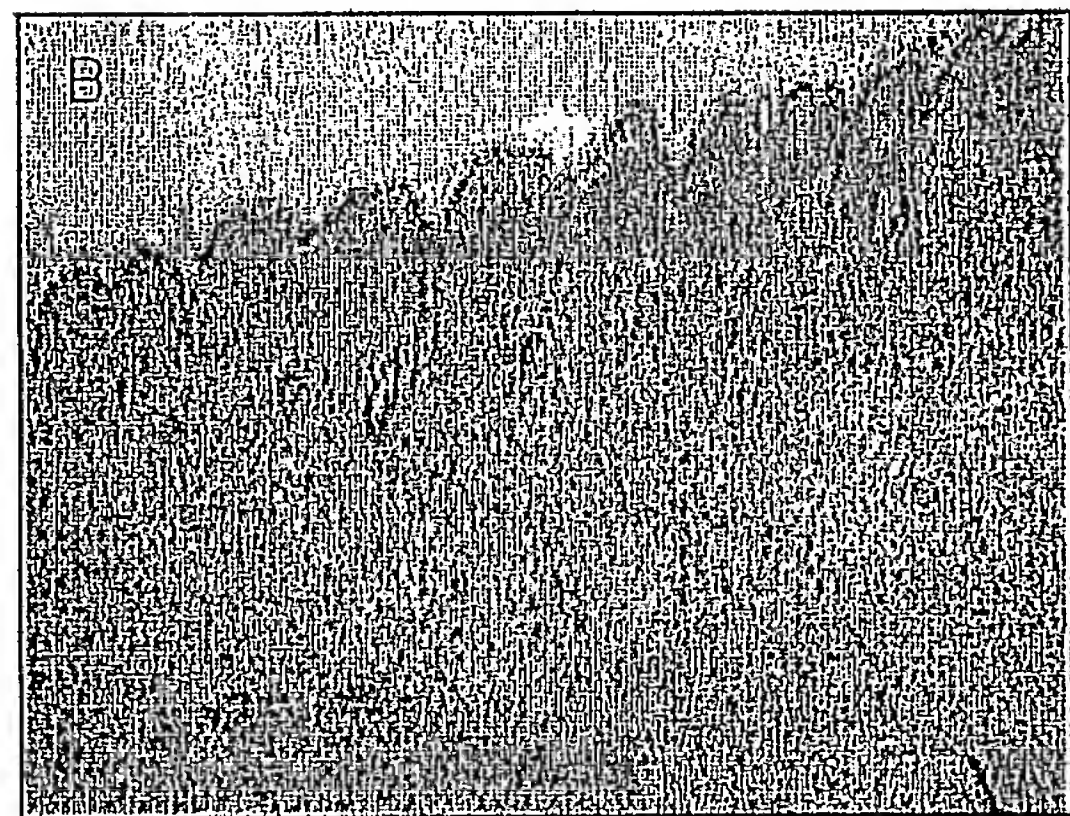


Fig 1C

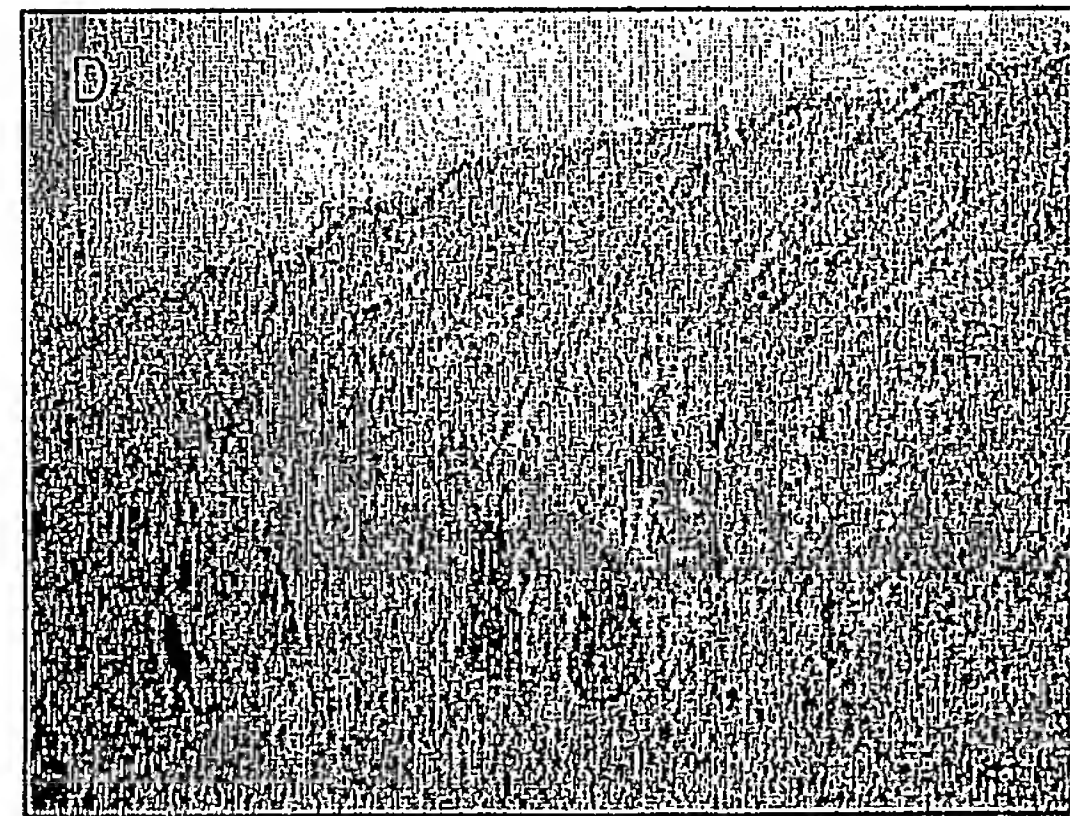


Fig 1D

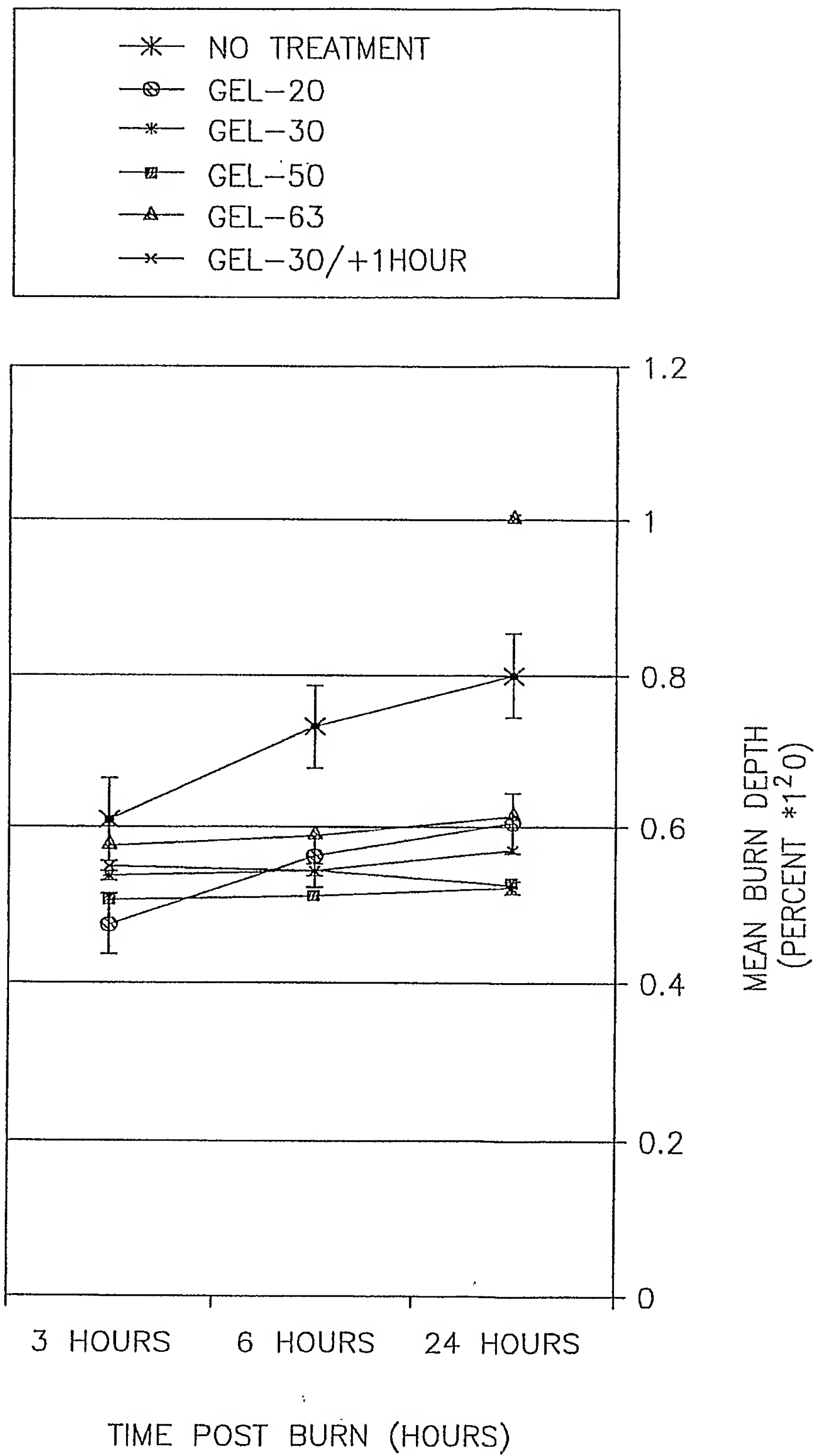


FIG.2

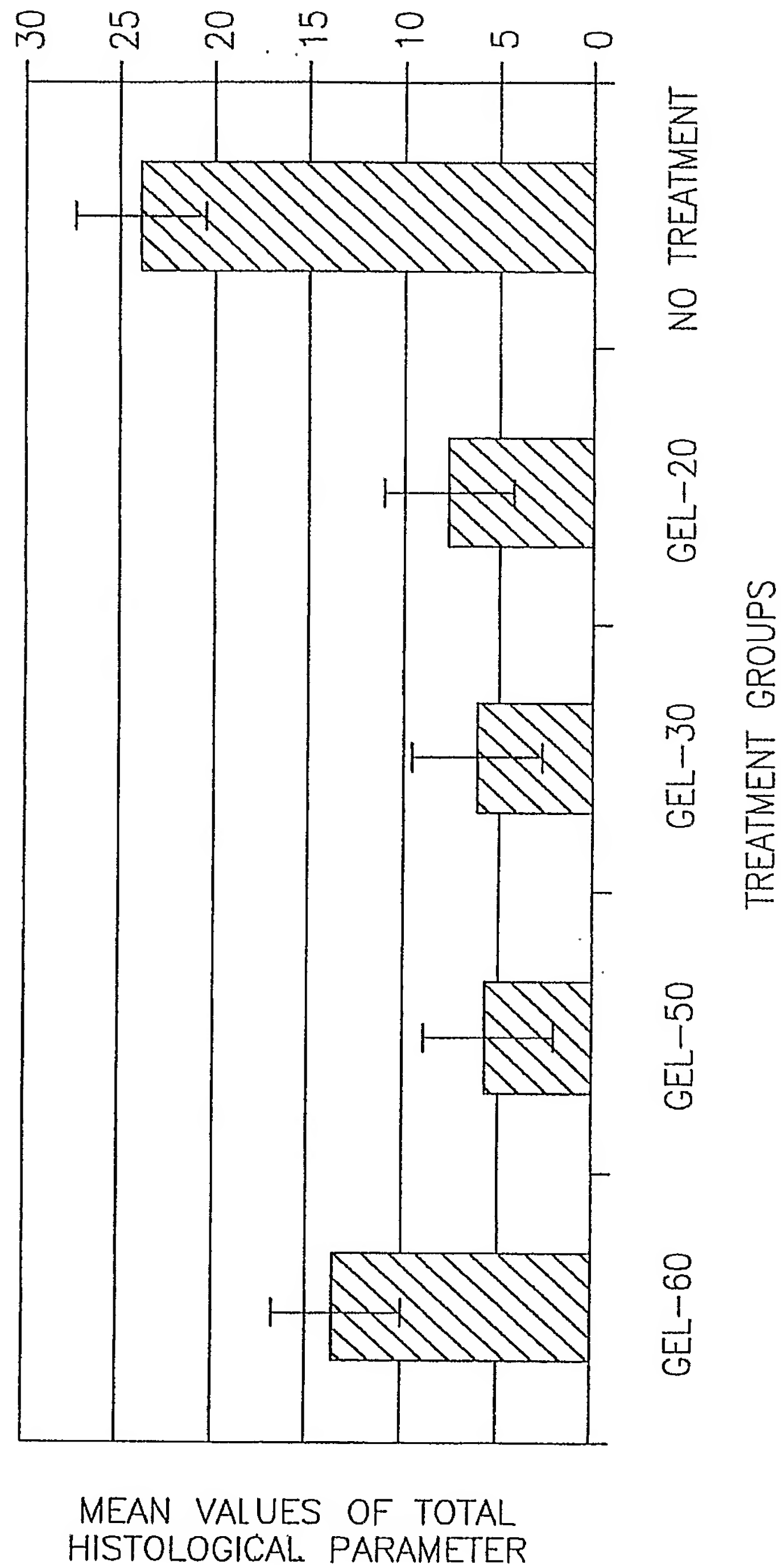


FIG.3

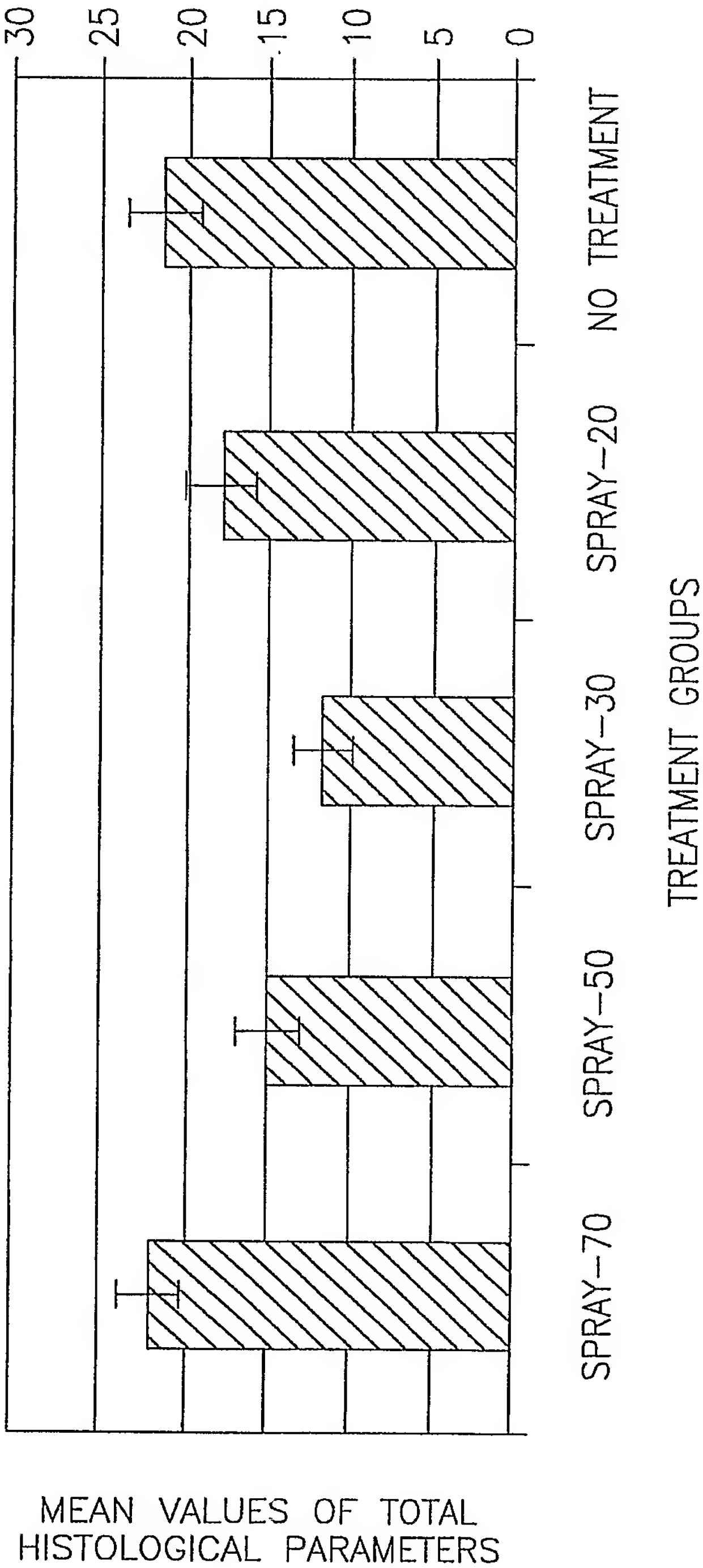


FIG.4

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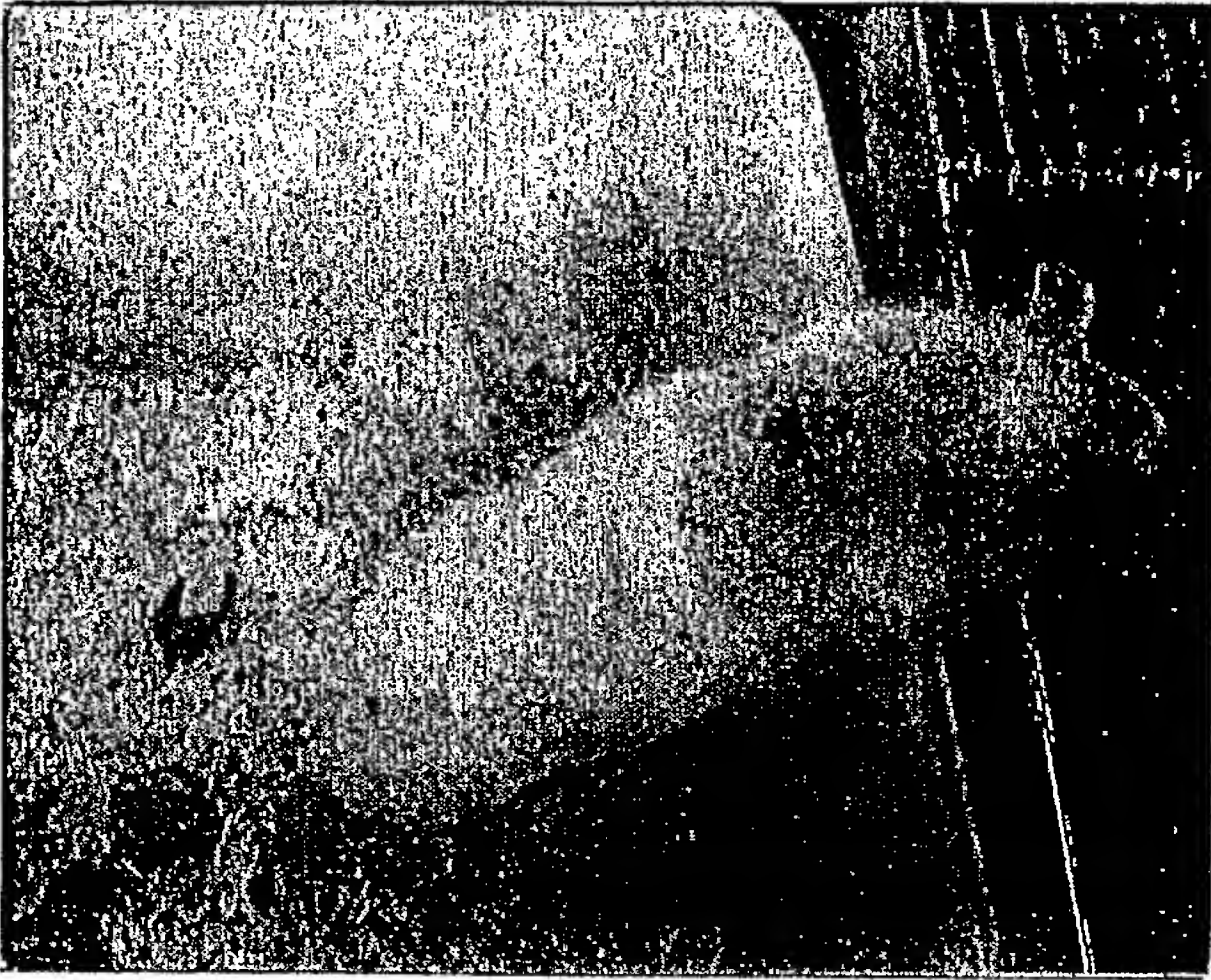


Fig 5A



Fig 5B